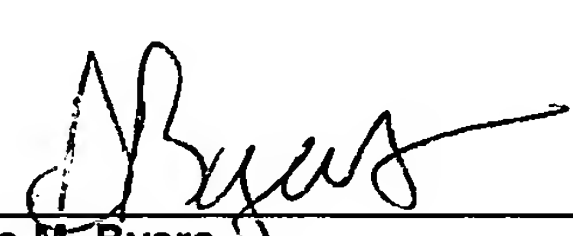


FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 2590-109
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/520165
INTERNATIONAL APPLICATION NO. PCT/CH2003/000444	INTERNATIONAL FILING DATE 7 July 2003	PRIORITY DATE CLAIMED 8 July 2002
TITLE OF INVENTION ASSEMBLY FOR CONNECTING TWO THERMOPLASTIC TUBULAR ELEMENTS		
APPLICANT(S) FOR DO/EO/US FREY		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (pages specification, claims & abstract (claims), sheets drawings). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (5 pages specification & claims (3 claims), 2 sheets drawings). b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <ol style="list-style-type: none"> a. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached). 10. <input checked="" type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). (ONE AMENDED SHEET CONTAINING CLAIMS 1-3) Items 11 To 20 below concern document(s) or information included: <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> A FIRST preliminary amendment. b. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information. Cover page of published PCT application No. WO 2004/005789 and Form PCT/IB/308 		

DT05 Rec'd PCT/PTO 04 JAN 2005

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown		INTERNATIONAL APPLICATION NO. PCT/CH2003/000444		ATTORNEY'S DOCKET NUMBER 2590-109	
21. <input checked="" type="checkbox"/> The following fees are submitted:					
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)):					
<input checked="" type="checkbox"/> a) Basic national fee				\$	300.00
<input checked="" type="checkbox"/> b) Examination Fee				\$	200.00
<input checked="" type="checkbox"/> c) Search Fee				\$	500.00
TOTAL OF ABOVE CALCULATIONS				\$	1000.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
-100	0	/50 = 0.00		X \$250.00 \$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).				\$ 130.00	
CLAIMS		NUMBER FILED		NUMBER EXTRA	
Total Claims		3 minus 20 =		0	
Independent Claims		1 minus 3 =		0	
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)				\$360.00	
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$120.00/1 month; \$450.00/2 months; \$1020.00/3 months)				\$ 0.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 1130.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by one half.				565.00	
SUBTOTAL =				\$ 565.00	
Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).				+ 0.00	
TOTAL NATIONAL FEE =				\$ 565.00	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property				+ 0.00	
Fee for Petition to Revive Unintentionally Abandoned Application (\$1500.00 - Small Entity = \$750.00)				0.00	
TOTAL FEES ENCLOSED =				\$ 565.00	
				Amount to be:	
				refunded \$	
				Charged \$	
a. <input type="checkbox"/> A check in the amount of \$0.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.					
d. <input checked="" type="checkbox"/> CREDIT CARD PAYMENT FORM ATTACHED.					
e. <input checked="" type="checkbox"/> The entire content of International Application No. PCT/CH2003/000444 and any U.S. and foreign application(s) corresponding thereto, and CH 1195/02, referred to in this application is/are hereby incorporated by reference in this application.					
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
CORRESPONDENCE ADDRESS					
Direct all correspondence to:					
<input checked="" type="checkbox"/> Customer Number:		<div style="border: 1px solid black; padding: 5px; display: inline-block;">23117</div>			
Type Customer Number here					
Telephone: (703) 816-4000					
DMB:Imy					
<div style="text-align: right;"> Duane M. Byers NAME</div>					
33,363 January 4, 2005					
REGISTRATION NUMBER Date					